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<210> 2132

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DNA

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DNA

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9

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DNA

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9

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DNA

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gcggcagcg

9

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DNA

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9

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DNA

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9

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9

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DNA

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ctggaggcg

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DNA

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ggggaggtg

9

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DNA

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9

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9

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DNA

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9

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DNA

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ggtgaggcg

9

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DNA

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ggggctggg

9

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DNA

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cgggcggcc

9

<210> 2165
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DNA

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cgggcggcc

9

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DNA

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gacgaggct

9

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DNA

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9

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DNA

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gtagaggac

9

<210> 2169
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 DNA

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gggggagcc

9

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DNA

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9

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DNA

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9

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DNA

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9

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DNA

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9

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DNA

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9

<210> 2179
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DNA

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aaggcagaa

9

<210> 2180
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DNA

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aaggcagaa

9

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DNA

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cgggcagct

9

<210> 2182
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DNA

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9

<210> 2183
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DNA

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ctggcagcc

9

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DNA

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gcgggagtt

9

<210> 2185
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DNA

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9

<210> 2186
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DNA

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9

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DNA

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9

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DNA

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9

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DNA

<400> 2189
ctggtaggg

9

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DNA

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qtggggggca

9

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DNA

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9

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DNA

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caggttgat

9

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DNA

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ccggaagcg

9

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DNA

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gcagcgcag

9

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DNA

<400> 2195
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9

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DNA

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tgggagggt

9

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DNA

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agggacgcg

9

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DNA

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ctggtggcc

9

<210> 2199

<211> 9
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DNA

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ctggtggcc

9

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DNA

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9

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DNA

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gtggatgga

9

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DNA

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9

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DNA

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9

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DNA

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9

<210> 2205
<211> 9
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DNA

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9

<210> 2206
<211> 9
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DNA

<400> 2206
gtgggagcc

9

<210> 2207
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DNA

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9

<210> 2208
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DNA

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ggggctgga

9

<210> 2209
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DNA

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tgggggtgg

9

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DNA

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gcggcgggg

9

<210> 2211
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DNA

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ccgggagtg

9

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DNA

<400> 2212
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9

<210> 2213
<211> 9
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<220>
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DNA

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9

<210> 2214
<211> 9
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<220>
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DNA

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acggccgag

9

<210> 2215
<211> 9
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<220>
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DNA

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9

<210> 2216

<211> 9
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<220>
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DNA

<400> 2216
atggacttg

9

<210> 2217
<211> 9
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<220>
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DNA

<400> 2217
ttggaggag

9

<210> 2218
<211> 9
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<220>
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DNA

<400> 2218
ttggaggag

9

<210> 2219
<211> 9
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<220>
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DNA

<400> 2219
gaagaggca

9

<210> 2220
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DNA

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atggttgaa

9

<210> 2225

<211> 9

<212> DNA

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<220>

<223> Description of Artificial Sequence: example target
DNA

<400> 2225

atggttgaa

9

<210> 2226

<211> 9

<212> DNA

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<220>

<223> Description of Artificial Sequence: example target
DNA

<400> 2226

aggggagaa

9

<210> 2227

<211> 9

<212> DNA

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<220>

<223> Description of Artificial Sequence: example target
DNA

<400> 2227

aggggagaa

9

<210> 2228

<211> 9

<212> DNA

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<220>

<223> Description of Artificial Sequence: example target
DNA

<400> 2228

tggaaggc

9

<210> 2229
<211> 9
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<220>
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DNA

<400> 2229
gaggccggc

9

<210> 2230
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<220>
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DNA

<400> 2230
gtggttgga

9

<210> 2231
<211> 9
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<220>
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DNA

<400> 2231
gtgtgagcc

9

<210> 2232
<211> 9
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<220>
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DNA

<400> 2232
gtgtgagcc

9

<210> 2233

<211> 9
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<220>
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DNA

<400> 2233
gcgaaggtg

9

<210> 2234
<211> 9
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<220>
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DNA

<400> 2234
gcgaaggtg

9

<210> 2235
<211> 9
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<220>
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DNA

<400> 2235
gcgaaggtg

9

<210> 2236
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<220>
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DNA

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9

<210> 2237
<211> 9
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<220>
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DNA

<400> 2237
gtagaggac

9

<210> 2238
<211> 9
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<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2238
gccttggct

9

<210> 2239
<211> 9
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<220>
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DNA

<400> 2239
gcggagtcg

9

<210> 2240
<211> 9
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<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2240
gccgggggag

9

<210> 2241
<211> 9
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<220>
<223> Description of Artificial Sequence: example target

DNA

<400> 2241
gctgaaggg

9

<210> 2242
<211> 9
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<220>
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DNA

<400> 2242
gctgaaggg

9

<210> 2243
<211> 9
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<220>
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DNA

<400> 2243
aaggtcgcc

9

<210> 2244
<211> 9
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<220>
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DNA

<400> 2244
gtgggagcc

9

<210> 2245
<211> 9
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<220>
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DNA

<400> 2245

ccgggcgca

9

<210> 2246

<211> 9

<212> DNA

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<220>

<223> Description of Artificial Sequence: example target
DNA

<400> 2246

gaggatggc

9

<210> 2247

<211> 9

<212> DNA

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<220>

<223> Description of Artificial Sequence: example target
DNA

<400> 2247

gcagcgcag

9

<210> 2248

<211> 9

<212> DNA

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<220>

<223> Description of Artificial Sequence: example target
DNA

<400> 2248

aaggaaaga

9

<210> 2249

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target
DNA

<400> 2249

ttggctatg

9

<210> 2250
<211> 9
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<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2250
caggaaggc

9

<210> 2251
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<220>
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DNA

<400> 2251
caggaaggc

9

<210> 2252
<211> 9
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9

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aaggaaaga

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DNA

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DNA

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DNA

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DNA

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DNA

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gagaaggtg

9

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DNA

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DNA

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DNA

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DNA

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atggagaag

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DNA

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DNA

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DNA

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ggagtactg

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DNA

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DNA

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DNA

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gcgggagtt

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DNA

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9

<210> 2274

<211> 9

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DNA

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9

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<211> 9

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<220>

<223> Description of Artificial Sequence: example target
DNA

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9

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DNA

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gaagaagag

9

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DNA

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9

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DNA

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gtgggggct

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DNA

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DNA

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gcggtgagg

9

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DNA

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aaggaaagg

9

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<220>

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DNA

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aaggaaagg

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DNA

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9

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DNA

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9

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DNA

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9

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DNA

<400> 2287
atggacttg

9

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DNA

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gaatagggg

9

<210> 2289

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<220>

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DNA

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acggccgag

9

<210> 2290

<211> 9

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<220>

<223> Description of Artificial Sequence: example target
DNA

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aaggggtgcg

9

<210> 2291

<211> 9

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<220>

<223> Description of Artificial Sequence: example target
DNA

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aagggagac

9

<210> 2292

<211> 9

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<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target
DNA

<400> 2292
aaggagac

9

<210> 2293
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<220>
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DNA

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tgggacctg

9

<210> 2294
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DNA

<400> 2294
tgggacctg

9

<210> 2295
<211> 9
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<220>
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DNA

<400> 2295
gagtaggca

9

<210> 2296
<211> 9
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<220>
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DNA

<400> 2296
gagtaggca

9

<210> 2297
<211> 9
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<220>
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DNA

<400> 2297
gaaggagag

9

<210> 2298
<211> 9
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<220>
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DNA

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ctggatggt

9

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DNA

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caggacgtg

9

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DNA

<400> 2300
ggggaggca

9

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<220>
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DNA

<400> 2301
gaggtgtca

9

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<220>
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DNA

<400> 2302
ggggttgaa

9

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<220>
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DNA

<400> 2303
ggggttgaa

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DNA

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gtcgcggtg

9

<210> 2305
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<220>

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DNA

<400> 2305

gtcgcggtg

9

<210> 2306

<211> 9

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DNA

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gtggttgcg

9

<210> 2307

<211> 9

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DNA

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gtggttgcg

9

<210> 2308

<211> 9

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DNA

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gtctaggta

9

<210> 2309

<211> 9

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<220>

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DNA

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ccgggagcg

9

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DNA

<400> 2310
gaaggagag

9

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DNA

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ccggctgga

9

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DNA

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ccgggagcg

9

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DNA

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acgtagtag

9

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DNA

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ggggaggat

9

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DNA

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ggggaggat

9

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DNA

<400> 2316
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9

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DNA

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gagtgtgtg

9

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DNA

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gagtgtgtg

9

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DNA

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tgcggggca

9

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DNA

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tgcggggca

9

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DNA

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tgcggggca

9

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DNA

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aagttgggtt

9

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DNA

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aagttgggtt

9

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DNA

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DNA

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taggcagtc

9

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DNA

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ctggttggt

9

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DNA

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ctggttggt

9

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DNA

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ttggatgga

9

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DNA

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DNA

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caggagtcc

9

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DNA

<400> 2331
caggagtcc

9

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DNA

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gcatgggaa

9

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DNA

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gcatgggaa

9

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DNA

<400> 2334
taggaagag

9

<210> 2335
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DNA

<400> 2335
gaagagggg

9

<210> 2336
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DNA

<400> 2336
gagtaggca

9

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DNA

<400> 2337
gaggtgtca

9

<210> 2338
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DNA

<400> 2338
tcggtcgcc

9

<210> 2339
<211> 9

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DNA

<400> 2339
gtggttagga

9

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DNA

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9

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DNA

<400> 2341
taggcagtc

9

<210> 2342
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DNA

<400> 2342
gtggtgata

9

<210> 2343
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DNA

<400> 2343
gtggtgata

9

<210> 2344
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DNA

<400> 2344
ttggatgga

9

<210> 2345
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DNA

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aaggtaggt

9

<210> 2346
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DNA

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aaggtaggt

9

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DNA

<400> 2347
caggagtcc

9

<210> 2348
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DNA

<400> 2348
caggagtcc

9

<210> 2349
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DNA

<400> 2349
taggaagag

9

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<220>
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DNA

<400> 2350
caggacgtg

9

<210> 2351
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<220>
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DNA

<400> 2351
gtctaggta

9

<210> 2352
<211> 9
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<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2352
ccggctgga

9

<210> 2353
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<220>
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DNA

<400> 2353
taggagttt

9

<210> 2354
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DNA

<400> 2354
ctggccttg

9

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DNA

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tgggcagcc

9

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DNA

<400> 2356
taggagttt

9

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DNA

<400> 2357
taggagttt

9

<210> 2358
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<220>
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DNA

<400> 2358
tgggcagcc

9

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<220>
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DNA

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ggggcgtga

9

<210> 2360
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<220>
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DNA

<400> 2360
ggggcgtga

9

<210> 2361
<211> 9
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<220>
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DNA

<400> 2361
gtacagtag

9

<210> 2362
<211> 9
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<220>
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DNA

<400> 2362
gtacagtag

9

<210> 2363
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DNA

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atggtgtgt

9

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DNA

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atggtgtgt

9

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DNA

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ttgggagag

9

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DNA

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ttgggagag

9

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DNA

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gtgggaata

9

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DNA

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gtgggaata

9

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DNA

<400> 2369
gtgggaata

9

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DNA

<400> 2370
ttggttggt

9

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DNA

<400> 2371
ttggttggt

9

<210> 2372
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DNA

<400> 2372
ttggttggt

9

<210> 2373

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DNA

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ttgggttggt

9

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DNA

<400> 2374
ctggcctgg

9

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DNA

<400> 2375
gaggtgtga

9

<210> 2376
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<220>
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DNA

<400> 2376
ctggcctgg

9

<210> 2377
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<220>
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DNA

<400> 2377
ccggcgctg

9

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<223> Description of Artificial Sequence: example target
DNA

<400> 2378
gacgctggc

9

<210> 2379
<211> 9
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<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2379
cgggctgga

9

<210> 2380
<211> 9
<212> DNA
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<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2380
cgggctgga

9

<210> 2381
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2381

gggatggcg

9

<210> 2382

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target
DNA

<400> 2382

gggatggcg

9

<210> 2383

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target
DNA

<400> 2383

gggatggcg

9

<210> 2384

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target
DNA

<400> 2384

gggatggcg

9

<210> 2385

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target
DNA

<400> 2385

caggcgcag

9

<210> 2386
<211> 9
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<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2386
cagggcgcag

9

<210> 2387
<211> 9
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<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2387
ccgggcgac

9

<210> 2388
<211> 9
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<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2388
gatgtgtga

9

<210> 2389
<211> 9
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<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2389
cagtgaatg

9

<210> 2390

<211> 9
<212> DNA
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<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2390
gggtcactg

9

<210> 2391
<211> 9
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<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2391
cagtgaatg

9

<210> 2392
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2392
gggtcactg

9

<210> 2393
<211> 9
<212> DNA
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<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2393
gtgtgggtc

9

<210> 2394
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2394
ctggcgaga

9

<210> 2395
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2395
ctggcgaga

9

<210> 2396
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2396
gcttttggca

9

<210> 2397
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2397
gcttttggca

9

<210> 2398
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target

DNA

<400> 2398
gacttggtgta

9

<210> 2399
<211> 9
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<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2399
gacttggtgta

9

<210> 2400
<211> 9
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<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2400
cagttgtga

9

<210> 2401
<211> 9
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<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2401
aaggaaaaa

9

<210> 2402
<211> 9
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<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2402
aaggaaaaa

9

<210> 2403
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2403
aaggaaaaa

9

<210> 2404
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2404
atgggtgaa

9

<210> 2405
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2405
atgggtgaa

9

<210> 2406
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2406
atgggtgaa

9

<210> 2407

<211> 9
<212> DNA
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<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2407
atgggtgaa

9

<210> 2408
<211> 9
<212> DNA
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<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2408
ctgggagat

9

<210> 2409
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2409
ctgggagat

9

<210> 2410
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2410
gtggtgggc

9

<210> 2411
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2411
ccggcggtg

9

<210> 2412
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2412
ccggcggtg

9

<210> 2413
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2413
ccggcggtg

9

<210> 2414
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2414
ccggcggtg

9

<210> 2415
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target

DNA

<400> 2415
ccggcggtg

9

<210> 2416
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2416
ccggcggtg

9

<210> 2417
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2417
gccgacggt

9

<210> 2418
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2418
gccgacggt

9

<210> 2419
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2419

gccgacggt

9

<210> 2420

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target
DNA

<400> 2420

gccgacggt

9

<210> 2421

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target
DNA

<400> 2421

ggtgtgggc

9

<210> 2422

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target
DNA

<400> 2422

tgggcaaga

9

<210> 2423

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target
DNA

<400> 2423

tgggcaaga

9

<210> 2424
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2424
ctggcctgg

9

<210> 2425
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2425
tggaagct

9

<210> 2426
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2426
tggaagct

9

<210> 2427
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2427
gaagaggga

9

<210> 2428
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2428
gaagaggga

9

<210> 2429
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2429
gaagaggga

9

<210> 2430
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2430
taatggggg

9

<210> 2431
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2431
tgggagtgt

9

<210> 2432
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target

DNA

<400> 2432
ccgggtgag

9

<210> 2433
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2433
gagttggcc

9

<210> 2434
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2434
ctggagttg

9

<210> 2435
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2435
atggcaatg

9

<210> 2436
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2436

gagggcaggg

9

<210> 2437

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target
DNA

<400> 2437

gagggcaggg

9

<210> 2438

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target
DNA

<400> 2438

gaagcggag

9

<210> 2439

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target
DNA

<400> 2439

gcgggcgca

9

<210> 2440

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target
DNA

<400> 2440

ccggcaggg

9

<210> 2441
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2441
ccggcaggg

9

<210> 2442
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2442
ccggcggcg

9

<210> 2443
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2443
tgaggcgag

9

<210> 2444
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2444
ctggccgtg

9

<210> 2445
<211> 9
<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target
DNA

<400> 2445

ctggccgcg

9

<210> 2446

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target
DNA

<400> 2446

ctggccgcg

9

<210> 2447

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target
DNA

<400> 2447

gcggccgag

9

<210> 2448

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target
DNA

<400> 2448

gcggccgag

9

<210> 2449

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target
DNA

<400> 2449
gagttggcc

9

<210> 2450
<211> 9
<212> DNA
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<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2450
ctggagttg

9

<210> 2451
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2451
gggtcggcg

9

<210> 2452
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2452
gggtcggcg

9

<210> 2453
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2453

cagggccccg

9

<210> 2454

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target
DNA

<400> 2454

cagggccccg

9

<210> 2455

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target
DNA

<400> 2455

tgaggcgag

9

<210> 2456

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target
DNA

<400> 2456

tgaggcgag

9

<210> 2457

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target
DNA

<400> 2457

tcggccgcc

9

<210> 2458
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2458
tcggccgcc

9

<210> 2459
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2459
tcggccgcc

9

<210> 2460
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2460
ctggccgtg

9

<210> 2461
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2461
taatggggg

9

<210> 2462
<211> 9
<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target
DNA

<400> 2462

tgggagtgt

9

<210> 2463

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target
DNA

<400> 2463

ggagtgtta

9

<210> 2464

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target
DNA

<400> 2464

ggagtgtta

9

<210> 2465

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target
DNA

<400> 2465

atagctggg

9

<210> 2466

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target
DNA

<400> 2466
tgctgggcc

9

<210> 2467
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2467
tggaaggaa

9

<210> 2468
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2468
tggaaggaa

9

<210> 2469
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2469
tggaaggaa

9

<210> 2470
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2470
tggaaggaa

9

<210> 2471
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2471
ggagaggct

9

<210> 2472
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2472
cgggatgaa

9

<210> 2473
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2473
ggagaggct

9

<210> 2474
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2474
gcagaggaa

9

<210> 2475
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2475
ttgggggag

9

<210> 2476
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2476
gacgaggag

9

<210> 2477
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2477
cgggatgaa

9

<210> 2478
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2478
gaggctgtt

9

<210> 2479
<211> 9
<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target
DNA

<400> 2479

gacgaggag

9

<210> 2480

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target
DNA

<400> 2480

ctgggagtt

9

<210> 2481

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target
DNA

<400> 2481

ctgggagtt

9

<210> 2482

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target
DNA

<400> 2482

ggtgatgtc

9

<210> 2483

<211> 9

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: example target
DNA

<400> 2483
ggtgatgtc

9

<210> 2484
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2484
ggtgatgtc

9

<210> 2485
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2485
ctggttggg

9

<210> 2486
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2486
ttgaagggtt

9

<210> 2487
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2487
ttgaagggtt

9

<210> 2488
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2488
ttgaagggtt

9

<210> 2489
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2489
ttgaagggtt

9

<210> 2490
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2490
ttgaagggtt

9

<210> 2491
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2491
gcagcccgg

9

<210> 2492
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2492
gaaagttca

9

<210> 2493
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2493
gaaagttca

9

<210> 2494
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2494
gaaagttca

9

<210> 2495
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2495
ccgtgtgac

9

<210> 2496
<211> 9

<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2496
ccgtgtgac

9

<210> 2497
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2497
gaagtggta

9

<210> 2498
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2498
aagtgagct

9

<210> 2499
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2499
gggtttgac

9

<210> 2500
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2500
ttgaagggtt

9

<210> 2501
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2501
aagtggtag

9

<210> 2502
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2502
ctgggttggg

9

<210> 2503
<211> 9
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: example target
DNA

<400> 2503
aagggttca

9

<210> 2504
<211> 9
<212> DNA
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Arg Ser Asp Asp Leu Thr Arg

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<210> 2571

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<223> Description of Artificial Sequence: example ZFP

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Arg Ser Asp His Leu Thr Lys

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Arg Ser Asp Asn Leu Ala Arg

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<400> 2583
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<210> 2584
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<400> 2584
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<210> 2585
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Arg Ser Ala Asn Leu Arg Thr
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<210> 2586
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1 5

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<400> 2588
Glu Lys Ala Asn Leu Thr Arg
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<210> 2589
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<210> 2596
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1 5

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Arg Ser Asp Ala Leu Ala Arg

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Gln Ser Ala Asn Leu Ala Arg

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Gln Ser Ser Ala Leu Thr Arg

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<210> 2611

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<210> 2620

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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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1 5

<210> 2661
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<400> 2661
Arg Ser Asp Glu Leu Thr Arg
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<400> 2662
Arg Ser Asp Glu Leu Thr Arg
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1 5

<210> 2666
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<210> 2667
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<210> 2668
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1 5

<210> 2669
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1 5

<210> 2670
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<210> 2671
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1 5

<210> 2672
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1 5

<210> 2673
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<220>
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<400> 2673
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1 5

<210> 2674
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Gln Ser Ala Asn Leu Ala Arg
1 5

<210> 2675
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<400> 2675

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1 5

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<400> 2676
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1 5

<210> 2677
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1 5

<210> 2678
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1 5

<210> 2679
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1 5

<210> 2680
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1 5

<210> 2681
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Gln Ser Ser Asp Leu Arg Arg
1 5

<210> 2682
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<210> 2683
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<210> 2684
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1

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1

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<210> 2686

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<210> 2687

<211> 7

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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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<210> 2689
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<210> 2691
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1 5

<210> 2692
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<210> 2693
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<400> 2693
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<210> 2694
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1 5

<210> 2695
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<210> 2696
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<210> 2697

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<210> 2698
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<210> 2699
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<210> 2700
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1 5

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<210> 2703
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<210> 2704
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<210> 2706
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<210> 2707
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<400> 2707
Gln Ser Gly His Leu Ala Arg
1 5

<210> 2708
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<210> 2709
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<210> 2713
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<400> 2713
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<210> 2714
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1 5

<210> 2715
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Arg Ser Asp Glu Leu Thr Arg
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<210> 2716
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<210> 2717
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1 5

<210> 2718
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Arg Ser Asp Asn Leu Thr Arg
1 5

<210> 2719

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<210> 2720

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<223> Description of Artificial Sequence: example ZFP

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<210> 2721

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<223> Description of Artificial Sequence: example ZFP

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<210> 2722

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<223> Description of Artificial Sequence: example ZFP

<400> 2722

Gln Arg Ala His Leu Ala Arg
1 5

<210> 2723
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<400> 2723
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1 5

<210> 2724
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<400> 2724
Gln Ser Ala Asn Leu Ala Arg
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<210> 2725
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<400> 2725
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1 5

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<400> 2726
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1 5

<210> 2728
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<400> 2728
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<210> 2729
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<400> 2729
Asp Arg Ser His Leu Ala Arg
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<210> 2730
<211> 7
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<400> 2730
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<210> 2731
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<210> 2732
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<400> 2732
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<210> 2733
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<210> 2734
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1 5

<210> 2735
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<400> 2735
Arg Ser Asp Ala Leu Thr Arg
1 5

<210> 2736
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<400> 2736
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1 5

<210> 2737
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<400> 2737
Asp Arg Ser Asn Leu Thr Arg
1 5

<210> 2738
<211> 7
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<400> 2738
Gln Ser Ser Asp Leu Arg Arg
1 5

<210> 2739
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<400> 2739
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1 5

<210> 2740
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1 5

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1 5

<210> 2742
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<223> Description of Artificial Sequence: example ZFP

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<220>
<223> Description of Artificial Sequence: example ZFP

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<210> 2744

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<210> 2745
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<223> Description of Artificial Sequence: example ZFP

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<210> 2746
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<223> Description of Artificial Sequence: example ZFP

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1 5

<210> 2747
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<223> Description of Artificial Sequence: example ZFP

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<210> 2748
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<223> Description of Artificial Sequence: example ZFP
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<210> 2749
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<210> 2750
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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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Asp Arg Ser His Leu Ala Arg
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<210> 2752
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<220>
<223> Description of Artificial Sequence: example ZFP

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Lys Asn Trp Lys Leu Gln Ala
1 5

<210> 2753
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<223> Description of Artificial Sequence: example ZFP

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<210> 2754
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1 5

<210> 2755
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<223> Description of Artificial Sequence: example ZFP

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<210> 2756
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<223> Description of Artificial Sequence: example ZFP

<400> 2756
Arg Ser Asp His Leu Thr Thr
1 5

<210> 2757
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<220>
<223> Description of Artificial Sequence: example ZFP

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Gln Ser Ala Asn Leu Ala Arg
1 5

<210> 2758
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<223> Description of Artificial Sequence: example ZFP

<400> 2758
Arg Ser Asp Ala Leu Thr Arg
1 5

<210> 2759
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<223> Description of Artificial Sequence: example ZFP

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1 5

<210> 2760
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1 5

<210> 2761
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<223> Description of Artificial Sequence: example ZFP

<400> 2761

Arg Ser Asp Ala Leu Thr Arg
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<210> 2762

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<223> Description of Artificial Sequence: example ZFP

<400> 2762

Arg Ser Asp Ala Leu Thr Arg
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<223> Description of Artificial Sequence: example ZFP

<400> 2763

Arg Ser Asp Ala Leu Thr Arg
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<210> 2764

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<223> Description of Artificial Sequence: example ZFP

<400> 2764

Glu Arg Gly Asp Leu Thr Arg
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<210> 2765

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<220>

<223> Description of Artificial Sequence: example ZFP

<400> 2765
Arg Ser Asp Asn Arg Thr Ala
1 5

<210> 2766
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<220>
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<400> 2766
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1 5

<210> 2767
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1 5

<210> 2769
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<210> 2770
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<210> 2771
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<220>
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<400> 2771
Gln Ser Ser Asp Leu Arg Arg
1 5

<210> 2772
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<400> 2772
Thr Thr Ser Ala Leu Thr Arg
1 5

<210> 2773
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<400> 2773
Gln Arg Ala His Leu Glu Arg
1 5

<210> 2774

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<223> Description of Artificial Sequence: example ZFP

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Arg Ser Asp Glu Leu Thr Arg
1 5

<210> 2775

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<223> Description of Artificial Sequence: example ZFP

<400> 2775

Arg Ser Asp Asn Leu Arg Glu
1 5

<210> 2776

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<223> Description of Artificial Sequence: example ZFP

<400> 2776

Thr Thr Ser Ala Leu Thr Arg
1 5

<210> 2777

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<223> Description of Artificial Sequence: example ZFP

<400> 2777

Arg Ser Asp Asn Leu Thr Arg
1 5

<210> 2778

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<400> 2778
Thr Thr Ser Ala Leu Thr Arg
1 5

<210> 2779
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<400> 2779
Gln Ser Ser Asp Leu Arg Arg
1 5

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<220>
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Gln Ser Gly Ser Leu Thr Arg
1 5

<210> 2781
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<400> 2781
Arg Ser Asp His Leu Thr Gln
1 5

<210> 2782
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<400> 2782
Arg Ser Asp His Leu Thr Gln
1 5

<210> 2783
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Arg Ser Asp His Leu Thr Gln
1 5

<210> 2784
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<400> 2784
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1 5

<210> 2785
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Asp Arg Ser His Leu Ala Arg
1 5

<210> 2786
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Arg Ser Asp Ala Leu Thr Lys
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<210> 2787

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<223> Description of Artificial Sequence: example ZFP

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Arg Ala Asp Ala Leu Met Val

1

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<210> 2788

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<223> Description of Artificial Sequence: example ZFP

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Arg Ser Asp His Leu Ser Arg

1

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<210> 2789

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<223> Description of Artificial Sequence: example ZFP

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Arg Ser Asp Asn Leu Ala Arg

1

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<210> 2790

<211> 7

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Arg Ser Asp Glu Leu Thr Arg

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<210> 2791

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<400> 2791

Asp Arg Ser Asn Leu Thr Arg
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<210> 2792

<211> 7

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<223> Description of Artificial Sequence: example ZFP

<400> 2792

Asp Arg Ser Asn Leu Thr Arg
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<210> 2793

<211> 7

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<223> Description of Artificial Sequence: example ZFP

<400> 2793

Arg Ser Asp Ala Leu Arg Glu
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<210> 2794

<211> 7

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<223> Description of Artificial Sequence: example ZFP

<400> 2794

Arg Ser Asp Ala Leu Arg Glu
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<210> 2795

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<223> Description of Artificial Sequence: example ZFP

<400> 2795

Gln Ser Gly Ser Leu Thr Arg
1 5

<210> 2796

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<223> Description of Artificial Sequence: example ZFP

<400> 2796

Gln Ser Gly Ser Leu Thr Arg
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<210> 2797

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<223> Description of Artificial Sequence: example ZFP

<400> 2797

Arg Ser Asp Asn Leu Ala Arg
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<210> 2798

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<223> Description of Artificial Sequence: example ZFP

<400> 2798

Gln Ser Ser Ala Leu Ala Arg
1 5

<210> 2799

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<223> Description of Artificial Sequence: example ZFP

<400> 2799

Arg Ser Asp Ala Leu Thr Arg

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<210> 2800
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Gln Ser Gly Ser Leu Thr Arg
1 5

<210> 2801

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<223> Description of Artificial Sequence: example ZFP

<400> 2801

Gln Ser His Asp Leu Thr Lys
1 5

<210> 2802

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<223> Description of Artificial Sequence: example ZFP

<400> 2802

Gln Ser Ala Asn Leu Ala Arg
1 5

<210> 2803

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<223> Description of Artificial Sequence: example ZFP

<400> 2803

Gln Ser Ala Asn Leu Ala Arg
1 5

<210> 2804
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<400> 2804
Arg Ser Asp Ala Leu Thr Arg
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<210> 2805
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<400> 2805
Arg Ser Asp Ala Leu Thr Arg
1 5

<210> 2806
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<400> 2806
Arg Ser Asp Glu Leu Thr Arg
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<400> 2807
Arg Ser Asp Glu Leu Thr Arg
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<210> 2808
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<400> 2808
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1 5

<210> 2809
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<400> 2809
Arg Ser Asp Glu Leu Thr Arg
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<210> 2810
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<400> 2810
Arg Ser Asp Asn Leu Ala Arg
1 5

<210> 2811
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<400> 2811
Gln Arg Ala His Leu Glu Arg
1 5

<210> 2812
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<400> 2812
Arg Ser Asp Glu Leu Thr Arg
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<210> 2813
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<400> 2813
Arg Ser Asp Asn Leu Thr Thr
1 5

<210> 2814
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<400> 2814
Gln Ser Ser Asn Leu Ala Arg
1 5

<210> 2815
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Thr Thr Ser Asn Leu Ala Arg
1 5

<210> 2816
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Gln Ser Ser Asn Leu Arg Arg
1 5

<210> 2817
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<400> 2817
Arg Ser Asp Ser Leu Leu Arg
1 5

<210> 2818
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Arg Leu Asp Ser Leu Leu Arg
1 5

<210> 2819
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<210> 2820
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Gln Ser Gly Asp Leu Thr Arg
1 5

<210> 2821
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<212> PRT
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<400> 2821
Gln Ser Gly Asp Leu Thr Arg
1 5

<210> 2822
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<400> 2822
Thr Thr Ser Ala Leu Thr Arg
1 5

<210> 2823
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<400> 2823
Thr Thr Ser Ala Leu Thr Arg
1 5

<210> 2824
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Asp Arg Ser His Leu Thr Arg
1 5

<210> 2825
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Asp Arg Ser Ala Leu Thr Arg
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<210> 2826
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<400> 2826
Gln Ser Ser Asp Leu Thr Arg
1 5

<210> 2827
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1 5

<210> 2829
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Arg Ser Asp Ala Leu Arg Glu
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<210> 2830
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<400> 2830
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<210> 2831
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1 5

<210> 2832
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Gln Ser Ala Asn Leu Ser Arg
1 5

<210> 2833
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Gln Arg Ser Asn Leu Val Arg
1 5

<210> 2834
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<400> 2834
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1 5

<210> 2835
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1 5

<210> 2836
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<400> 2836
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1 5

<210> 2837
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<400> 2837
Gln Ser Gly Asp Leu Arg Thr
1 5

<210> 2838
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<223> Description of Artificial Sequence: example ZFP

<400> 2838

Glu Arg Gly Asp Leu Thr Arg
1 5

<210> 2839

<211> 7

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<223> Description of Artificial Sequence: example ZFP

<400> 2839

Gln Ser Gly His Leu Ala Arg
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<210> 2840

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<223> Description of Artificial Sequence: example ZFP

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Asp Arg Ser His Leu Thr Arg
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<210> 2841

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<223> Description of Artificial Sequence: example ZFP

<400> 2841

Asp Arg Ser Ala Leu Thr Arg
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<210> 2842

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1 5

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<400> 2843
Gln Gln Ala Ser Leu Asn Ala
1 5

<210> 2844
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<400> 2844
Gln Ser Gly His Leu Ala Arg
1 5

<210> 2845
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<400> 2845
Thr Ser Gly His Leu Val Arg
1 5

<210> 2846
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<220>
<223> Description of Artificial Sequence: example ZFP

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Met Ser His His Leu Ser Arg

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<210> 2847
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<400> 2847
Asp Arg Ser Ser Leu Thr Thr
1 5

<210> 2848
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<220>
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<400> 2848
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1 5

<210> 2849
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<210> 2851

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<400> 2851
Gln Ser Gly Ala Leu Thr Arg
1 5

<210> 2852
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<400> 2852
Gln Ser Gly His Leu Thr Arg
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<210> 2853
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1 5

<210> 2854
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<400> 2854
Arg Ser Asp Ala Leu Thr Thr
1 5

<210> 2855
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<210> 2856
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<400> 2856
Gln Ser Ser Ala Leu Ala Ser
1 5

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<400> 2857
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<210> 2858
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<400> 2858
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<400> 2859
Gln Ser Gly His Leu Thr Lys
1 5

<210> 2860
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<400> 2860
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1 5

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<210> 2863
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<210> 2864
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<223> Description of Artificial Sequence: example ZFP

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<210> 2865
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<210> 2866
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<223> Description of Artificial Sequence: example ZFP

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<210> 2886
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<210> 2889
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<210> 2894
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<400> 2896
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<400> 2897
Gln Ser Gly Ser Leu Thr Arg
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<210> 2899
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<210> 2900
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1 5

<210> 2901
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1 5

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1 5

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1 5

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<400> 2906

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1 5

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<210> 2909
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<210> 2912
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<210> 2913
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<210> 2915
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<210> 2916

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<210> 2917

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Gln Ser Ser His Leu Thr Arg
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<210> 2918

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Gln Ser Ser His Leu Thr Arg
1 5

<210> 2919

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<210> 2920
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<210> 2921
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<210> 2922
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Arg Ser Asp His Leu Thr Thr

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<210> 2925

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<223> Description of Artificial Sequence: example ZFP

<400> 2925

Gln Ser Ser Asp Leu Arg Arg

1

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<210> 2926

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Gln Ser Ser Asp Leu Arg Arg

1

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Gln Arg Ala His Leu Ala Arg
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<210> 2929

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<210> 2930

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<210> 2931

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Thr Lys Gln His Leu Lys Thr
1 5

<210> 2932

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<210> 2933
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<210> 2934
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<210> 2935
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<210> 2936
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<210> 2939
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<210> 2940
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<210> 2942
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<210> 2943
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<210> 2944
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<210> 2945
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<210> 2946
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1 5

<210> 2947
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<210> 2948
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Arg Ser Asp Glu Leu Thr Arg
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Arg Ser Asp Asp Leu Arg Glu
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Arg Ser Asp Asn Leu Ala Arg
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1 5

<210> 2961
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<400> 2961
Arg Ser Asp His Leu Ser Arg
1 5

<210> 2962
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<400> 2962
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1 5

<210> 2963
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<400> 2963
Gln Arg Ser Ala Leu Ala Ser
1 5

<210> 2964
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<400> 2964
Gln Ser Gly Ala Leu Thr Lys
1 5

<210> 2965
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<400> 2965
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<400> 2966
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<210> 2967
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<400> 2967
Gln Ser Gly Asn Leu Ala Arg
1 5

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<400> 2968
Gln Ser Gly Asn Leu Ala Arg
1 5

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1 5

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1 5

<210> 2971
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<400> 2971
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<210> 2972
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1 5

<210> 2973
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Gln Ser Ser Asp Leu Arg Arg
1 5

<210> 2974
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1 5

<210> 2975

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<210> 2976
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Arg Ser Ala Asn Leu Ala Arg
1 5

<210> 2977
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Gln Ser Gly Asn Leu Ala Arg
1 5

<210> 2978
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1 5

<210> 2979
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Thr Ser Gly Asn Leu Val Arg
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<210> 3202
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<210> 3203
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1 5

<210> 3204
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<210> 3207
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1

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Met Ser His His Leu Thr Gln

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1 5

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1 5

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1 5

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<210> 3523

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<210> 3525

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<210> 3532

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<210> 3533

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<210> 3534

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<210> 3535

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1 5

<210> 3538
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<210> 3539
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<210> 3540

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<210> 3541

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<210> 3542

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Arg Ser Asp Lys Leu Ser Arg

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<210> 3543

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Met Ser His His Leu Ser Arg
1 5

<210> 3547
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Met Ser His His Leu Ser Arg
1 5

<210> 3548
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Gln Ser Ser His Leu Ala Arg
1 5

<210> 3549
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Gln Ser Ser His Leu Ala Arg
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<210> 3550
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<210> 3554
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Arg Ser Asp Asn Leu Ala Arg
1 5

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Arg Ser Asp Asn Leu Ala Arg
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Arg Ser Asp Asn Leu Ala Arg
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Arg Ser Asp Asn Leu Ala Arg
1 5

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Arg Ser Asp Ala Leu Ala Arg
1 5

<210> 3559
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1 5

<210> 3560
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<400> 3560
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1 5

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Glu Arg Gly Thr Leu Ala Arg
1 5

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1 5

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1 5

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Arg Ser Asp Ala Leu Arg Glu
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Arg Ser Asp Ala Leu Arg Glu
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Arg Ser Asp Glu Leu Arg Glu

1

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<223> Description of Artificial Sequence: example ZFP

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<210> 3632
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<210> 3654
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1 5

<210> 3655
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Gln Ser Ser His Leu Ala Arg
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1 5

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1 5

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1 5

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1 5

<210> 3738
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1 5

<210> 3739
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1 5

<210> 3740
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1 5

<210> 3741
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1 5

<210> 3742
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1 5

<210> 3743
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1 5

<210> 3746
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1 5

<210> 3747
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1 5

<210> 3748
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1 5

<210> 3749
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1 5

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Arg Ser Asp His Leu Arg Glu

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<210> 3772

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<223> Description of Artificial Sequence: example ZFP

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Arg Ser Asp Glu Arg Lys Arg

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<210> 3773

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Arg Ser Asp Asn Leu Arg Glu

1

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Arg Ser Asp Glu Arg Lys Arg
1 5

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1 5

<210> 3783
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1 5

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Gln Ser Gly Asn Leu Ala Arg

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<210> 3800

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Arg Ser Asp His Leu Ser Arg

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1 5

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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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<223> Description of Artificial Sequence: example ZFP

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<210> 3821
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<210> 3826
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<210> 3831
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1 5

<210> 3832
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1 5

<210> 3833
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<210> 3835
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<223> Description of Artificial Sequence: example ZFP

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<210> 3840

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<223> Description of Artificial Sequence: example ZFP

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Arg Ser Asp Asn Leu Thr Lys
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<210> 3842

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<223> Description of Artificial Sequence: example ZFP

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Arg Ser Asp Ala Leu Thr Arg
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<223> Description of Artificial Sequence: example ZFP

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1 5

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1 5

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1

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1 5

<210> 3851
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<210> 3854
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<210> 3856
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1 5

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1 5

<210> 3858
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1 5

<210> 3859
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<220>
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1 5

<210> 3860
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<220>
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1 5

<210> 3861
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1 5

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Gln Ser Ser Ser Leu Val Arg
1 5

<210> 3863
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<210> 3864
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1 5

<210> 3866
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<210> 3867
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<210> 3869
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1 5

<210> 3870
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1 5

<210> 3871
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Arg Ser Asp Ala Leu Thr Lys
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<210> 3873
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<223> Description of Artificial Sequence: example ZFP

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<210> 3874

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<223> Description of Artificial Sequence: example ZFP

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Arg Ser Asp Ala Leu Arg Glu
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<210> 3875

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<210> 3876

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<223> Description of Artificial Sequence: example ZFP

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<210> 3877

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1 5

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1 5

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1 5

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1 5

<210> 3881
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1 5

<210> 3882
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1 5

<210> 3884
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<210> 3885
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1 5

<210> 3886
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1 5

<210> 3887
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1 5

<210> 3889
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1 5

<210> 3890
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1 5

<210> 3891
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1 5

<210> 3892
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<400> 3892
Arg Ser Asp His Leu Ser Arg
1 5

<210> 3893
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<220>
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<400> 3893
Arg Ser Asp Ala Leu Thr Arg
1 5

<210> 3894
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1 5

<210> 3895
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1 5

<210> 3896
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1 5

<210> 3897
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1 5

<210> 3898
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1 5

<210> 3899

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1 5

<210> 3900
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1 5

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Arg Ser Asp Asn Leu Thr Gln
1 5

<210> 3902
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Arg Ser Asp Asn Leu Thr Gln
1 5

<210> 3903
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1 5

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1 5

<210> 3905
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1 5

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<210> 3907
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1 5

<210> 3908
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<210> 3909
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<210> 3910
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Arg Ser Asp Ala Leu Thr Arg
1 5

<210> 3911
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Arg Ser Asp Glu Leu Arg Glu
1 5

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<210> 3913
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1 5

<210> 3914
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<210> 3915
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<210> 3916
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Arg Ser Asp Asp Leu Arg Glu
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<210> 3917

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<210> 3918

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<223> Description of Artificial Sequence: example ZFP

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Glu Arg Gly Asp Leu Thr Arg
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<210> 3919

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<223> Description of Artificial Sequence: example ZFP

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<210> 3921
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Met Ser His His Leu Ser Arg
1 5

<210> 3922
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<400> 3922
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<210> 3923
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<400> 3923
Arg Ser Asp His Leu Thr Thr
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<210> 3924
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<400> 3924
Arg Ser Asp Ala Leu Arg Glu
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<210> 3925
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<400> 3925
Arg Ser Asp His Leu Thr Thr
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<210> 3926
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<400> 3926
Arg Ser Asp His Leu Thr Lys
1 5

<210> 3927
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1 5

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1 5

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1 5

<210> 4052
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<400> 4052
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1 5

<210> 4053
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1 5

<210> 4054
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<220>
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<400> 4054

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1 5

<210> 4055

<211> 7

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<220>

<223> Description of Artificial Sequence: zinc finger
recognition helix sequence

<220>

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<400> 4055

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<211> 7

<212> PRT

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<223> Description of Artificial Sequence: zinc finger
recognition helix sequence

<220>

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1 5

<210> 4057

<211> 7

<212> PRT

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<223> Description of Artificial Sequence: zinc finger
recognition helix sequence

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<223> Xaa = any amino acid

<400> 4057

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<210> 4058

<211> 7

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<223> Description of Artificial Sequence: zinc finger
recognition helix sequence

<220>

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<223> Xaa = any amino acid

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recognition helix sequence

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recognition helix sequence

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recognition helix sequence

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1 5

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recognition helix sequence

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recognition helix sequence

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recognition helix sequence

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recognition helix sequence

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recognition helix sequence

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<211> 7

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recognition helix sequence

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<210> 4068

<211> 7

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recognition helix sequence

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recognition helix sequence

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recognition helix sequence

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recognition helix sequence

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1

5

<210> 4072

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recognition helix sequence

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recognition helix sequence

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recognition helix sequence

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recognition helix sequence

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recognition helix sequence

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<210> 4077
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recognition helix sequence

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1 5

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recognition helix sequence

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1 5

<210> 4079
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recognition helix sequence

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<210> 4080

<211> 7
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<220>
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recognition helix sequence

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1 5

<210> 4081
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recognition helix sequence

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<400> 4081
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1 5

<210> 4082
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<220>
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recognition helix sequence

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<223> Xaa = any amino acid

<400> 4082
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1 5

<210> 4083
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<220>
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recognition helix sequence

<220>
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<222> (5)..(6)
<223> Xaa = any amino acid

<400> 4083
Thr Xaa Asp His Xaa Xaa Ser
1 5

<210> 4084
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subsite

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<210> 4085

<211> 7
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recognition helix sequence

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1 5